

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,876,315 B1
 DATED : April 5, 2005
 INVENTOR(S) : Widmer

Page 1 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page.

Item [57], **ABSTRACT**,

Line 2, before "format" and after "an" replace "eight-bit" with -- eight-bit --.

Column 7.

Lines 11-12, replace

" $a = A \bullet (\bar{A} \bullet B \bullet E \bullet F \bullet C \oplus D + \bar{A} \bullet B \bullet C \bullet D \bullet E \oplus F + \bar{A} \bullet B \bullet C \bullet D \bullet E \bullet F)' + \bar{A} \bullet B' \bullet E' \bullet F' \bullet C \oplus D + \bar{A}' \bullet B' \bullet C' \bullet D' \bullet E \oplus F + \bar{A}' \bullet B' \bullet C' \bullet D' \bullet E' \bullet F'$ "

with

" $a = A \bullet (\bar{A} \bullet B \bullet E \bullet F \bullet C \oplus D + \bar{A} \bullet B \bullet C \bullet D \bullet E \oplus F + \bar{A} \bullet B \bullet C \bullet D \bullet E \bullet F)' + \bar{A}' \bullet B' \bullet E' \bullet F' \bullet C \oplus D + \bar{A}' \bullet B' \bullet C' \bullet D' \bullet E \oplus F + \bar{A}' \bullet B' \bullet C' \bullet D' \bullet E' \bullet F'$ "

Column 8.

Line 1, replace

" $e = E \bullet (C \bullet D \bullet \bar{E} \bullet F \bullet A \oplus B + A \bullet B \bullet C \bullet D \bullet \bar{E} \bullet F)' + C \bullet D' \bullet F \bullet A \oplus B + A' \bullet B' \bullet C \bullet D' \bullet F'$ "

with

" $e = E \bullet (C \bullet D \bullet \bar{E} \bullet F \bullet A \oplus B + A \bullet B \bullet C \bullet D \bullet \bar{E} \bullet F)' + C' \bullet D' \bullet \bar{E}' \bullet F' \bullet A \oplus B + A' \bullet B' \bullet C' \bullet D' \bullet \bar{E}' \bullet F'$ "

Column 10.

Line 26, replace

" $e = E \oplus \{(E \oplus \bar{F}') \bullet (C \oplus D' \bullet D \oplus E' \bullet A \oplus B' \bullet B \oplus C')\}$ "

with

" $e = E \oplus \{(C \oplus D' \bullet D \oplus \bar{E}' \bullet \bar{E} \oplus F') \bullet (A \oplus B + A \oplus B' \bullet B \oplus C')\}$ "

Line 61, replace " $\bar{a} \bullet b' \bullet e \bullet f \bullet g \bullet h' \bullet c \oplus d + \bar{a}$ "

with -- $\bar{a} \bullet b' \bullet e' \bullet f \bullet g \bullet h' \bullet c \oplus d + \bar{a}$ --

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Column 11,

Line 8, replace

“ $n3 = \bar{a} \bullet b' \bullet c' \bullet d \bullet e \bullet f' \bullet g \bullet h' + \bar{a} \bullet b' \bullet e' \bullet f \bullet g \bullet h' \bullet c \oplus d + \bar{a} \bullet b \bullet c' \bullet d' \bullet d' \bullet g \bullet h' \bullet e \oplus f$ ”

with

“ $n3 = \bar{a} \bullet b' \bullet c' \bullet d \bullet e \bullet f' \bullet g \bullet h' + \bar{a} \bullet b' \bullet e' \bullet f \bullet g \bullet h' \bullet c \oplus d + \bar{a} \bullet b \bullet c' \bullet d' \bullet g \bullet h' \bullet e \oplus f$ ”

Line 20, replace

“ $B = b \bullet (a \bullet \bar{b} \bullet c' \bullet d' \bullet h' \bullet e \oplus f) + a' \bullet \bar{b}' \bullet c \bullet d \bullet g \bullet h' \bullet e \oplus f$ ”

with

“ $B = b \bullet (a \bullet \bar{b} \bullet c' \bullet d' \bullet g \bullet h' \bullet e \oplus f) + a' \bullet \bar{b}' \bullet c \bullet d \bullet g \bullet h' \bullet e \oplus f$ ”

Line 33, replace

“ $C = c \bullet (a' \bullet b' \bullet d' \bullet e \bullet f \bullet g \bullet h) + a \bullet b \bullet d \bullet e' \bullet f' \bullet g \bullet h$ ”

with

“ $C = c \bullet (a' \bullet b' \bullet d' \bullet e \bullet f \bullet g \bullet h) + a \bullet b \bullet d \bullet e' \bullet f' \bullet g \bullet h$ ”

Column 12,

Line 14, before “D132” and after “D116,” replace “D1 15,” with -- D115, --.

Lines 26-27, replace

“ $F = f \bullet (c' \bullet d' \bullet \bar{f} \bullet g \bullet h' \bullet a \oplus b + a \bullet b' \bullet e' \bullet \bar{f} \bullet g \bullet h' \bullet c \oplus d) + +$
 $c \bullet d \bullet e' \bullet \bar{f}' \bullet g \bullet h' \bullet a \oplus b + a' \bullet b \bullet e \bullet \bar{f}' \bullet g \bullet h' \bullet c \oplus d$ ”

with

“ $F = f \bullet (c' \bullet d' \bullet e \bullet \bar{f} \bullet g \bullet h' \bullet a \oplus b + a \bullet b' \bullet e' \bullet \bar{f} \bullet g \bullet h' \bullet c \oplus d) +$
 $c \bullet d \bullet e' \bullet \bar{f}' \bullet g \bullet h' \bullet a \oplus b + a' \bullet b \bullet e \bullet \bar{f}' \bullet g \bullet h' \bullet c \oplus d$ ”

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 12 (cont'd).

Line 33, replace

$$\text{“ } n52 = c' \bullet d' \bullet e \bullet \bar{f} \bullet g \bullet h' \bullet a \oplus b + a \bullet b' \bullet e' \bullet f \bullet g h' \bullet c \oplus d \text{ ”}$$

with

$$\text{“ } n52 = c' \bullet d' \bullet e \bullet \bar{f} \bullet g \bullet h' \bullet a \oplus b + a \bullet b' \bullet e' \bullet \bar{f} \bullet g \bullet h' \bullet c \oplus d \text{ ”}$$

Line 68, replace

$$\text{“ } n64 = g \bullet h \bullet e \oplus f + e' \bullet f' \bullet g \oplus h \text{ ”}$$

with

$$\text{“ } n64 = g' \bullet h' \bullet e \oplus f + e' \bullet f' \bullet g \oplus h \text{ ”}$$

Column 13.

Lines 28-29, replace

$$\text{“ } A = a \oplus \{(e \oplus f \bullet g \bullet h) \bullet (\bar{a} \oplus b \bullet b \oplus c' \bullet c \oplus d \bullet d \oplus e' + \bar{a} \oplus b \bullet b \oplus e' \bullet c \oplus d + \bar{a} \oplus b' \bullet b \oplus c \bullet c \oplus d')\}$$

with

$$\text{“ } A = a \oplus \{(e \oplus f \bullet g \bullet h') \bullet (\bar{a} \oplus b \bullet b \oplus c' \bullet c \oplus d \bullet d \oplus e' + \bar{a} \oplus b \bullet b \oplus e' \bullet c \oplus d + \bar{a} \oplus b' \bullet b \oplus c \bullet c \oplus d')\}$$

Line 34, replace

$$\text{“ } D = d \oplus (a \oplus b \bullet b \oplus c' \bullet c \oplus \bar{d} \bullet \bar{d} \oplus e' \bullet e \oplus f \bullet g \bullet h') \text{ ”}$$

with

$$\text{“ } D = d \oplus (a \oplus b \bullet b \oplus c' \bullet c \oplus \bar{d} \bullet \bar{d} \oplus e' \bullet e \oplus f \bullet g \bullet h') \text{ ”}$$

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Column 13 (cont'd).

Line 42, replace

" $(a \oplus b \bullet c \oplus d' + a \oplus b' \bullet c \oplus d) \bullet (e \oplus f \bullet g \bullet h' + e \oplus f')$ "

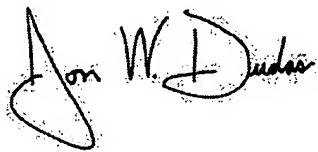
with

-- $(a \oplus b \bullet c \oplus d' + a \oplus b' \bullet c \oplus d) \bullet (e \oplus f \bullet g \oplus h' + e \oplus f')$ --

Line 51, after "e.g., " replace "2xfNV" with -- 2xINV --.

Signed and Sealed this

Thirteenth Day of September, 2005



JON W. DUDAS
Director of the United States Patent and Trademark Office